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IN THE CLAIMS:

1. (Currently Amended) A token dispensing device, comprising:

a storing bowl for storing and conducting tokens, the storing bowl including an upper section that is open to receive tokens and a lower section that is open to discharge tokens of a predetermined diameter, the lower section having a convex section circular opening of a diameter between approximately 3 and 5 times the predetermined diameter of the tokens for restricting the movement of tokens out of from the upper section into the lower section to intentionally create a quasi-jamming condition of tokens bridging over the circular opening of the lower section when the storing bowl is approximately full of tokens;

a rotating disk located below the storing bowl lower section, the rotating disk having at least one through hole, the through hole for retaining and moving tokens;

a motor for rotating the rotating disk; and

a base plate located below the rotating disk,

wherein a token disposed in the through hole of the rotating disk is moved on the base plate by the rotating disk to be dispensed one-by-one and the diameter of the convex section circular opening lessens any force load on the rotating disk.

2. (Currently Amended) The token dispensing device of Claim 1,

wherein the storing bowl convex section includes

[[a]] the circular lower opening is located over the outer edge of the through hole,

a conically tapered section which extends upwards from the circular lower opening, and

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an enlarging section which is horn-like in shape and which extends upwards from the conically tapered section, the enlarging section being located above the conically tapered section,

wherein the junction of the conically tapered section and the enlarging section forms an apex where the convex section has a minimum diameter.

3. (Original) The token dispensing device of Claim 2,

wherein the apex of the convex section is located above the base plate at a distance approximately equal to the diameter of a token.

4. (Currently Amended) The token dispensing device of Claim 3,

wherein a space is enclosed by the convex section and the diameter of the space enclosed by the convex section at the most narrow point circular opening is more than approximately three times the diameter of ~~[[a]]~~ the token.

5. (Original) The token dispensing device of Claim 4,

wherein the storing bowl has left and right side wall members which extend vertically upwards from the enlarging section.

6. (Currently Amended) The token dispensing device of Claim 5,

wherein the rotating disk has a center section which extends upwards a distance ~~greater than~~ above the convex section circular opening, the rotating disk center section for agitating tokens in the token storing bowl.

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7. (Currently Amended) A token dispensing device, comprising:

a storing member for storing and conducting tokens, the storing member including an upper section that is open to receive tokens and a lower section that is open to discharge tokens, the lower section having a convex section with a circular opening for restricting the movement of tokens ~~out of~~ from the upper section into the lower section to create a quasi-jamming bridge condition of tokens when the storing member is approximately full of tokens;

a rotating disk for dispensing tokens one-by-one in a rotating manner, the rotating disk having a first side and a second side, the rotating disk first side being disposed adjacent to the lower section of the storing member, the rotating disk having at least one through hole, each rotating disk through hole having a cone-shaped hollow, each rotating disk through hole for receiving tokens, the rotating disk for rotating about an axis line, the axis line extending in a direction to enter the storing member lower section circular opening;

a base plate located below the rotating disk second side, the base plate being a planar surface adjacent to the rotating disk for supporting tokens disposed in the through hole as the rotating disk is rotated and a token is dispensed; and

a motor for selectively rotating the rotating disk, the motor having a driven shaft, the driven shaft being operatively coupled to the rotating disk, wherein the ratio of diameter of the tokens to a diameter of convex section circular opening is between approximately 3 to approximately 5.

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8. (Original) The token dispensing device of Claim 7, further comprising:

a gear reduction unit disposed between the motor and the rotating disk, the gear reduction unit for operatively coupling the motor to the rotating disk so that for every rotation of the motor shaft the rotating disk makes less than one rotation.

9. (Currently Amended) The token dispensing device of Claim 7, further comprising:

~~a circular lower opening located on the lower section of the stering member, the~~
circular lower opening being located over the outer edge of the through hole as the rotating disk is rotated;

a first tapered section which narrows in a upwards direction away from the circular lower opening, the first tapered section being conically tapered; and

a second tapered section which widens in a upwards direction away from the circular lower opening to form an enlarging section, the second tapered section being mounted above the first tapered section,

wherein the junction of the first tapered section and the second tapered section forms an interior circular apex of the convex section, the interior circular apex defining the most narrow diameter of the convex section.

10. (Cancelled)

11. (Currently Amended) The token dispensing device of Claim 9,

wherein the ratio of the diameter of the ~~interior~~ circular apex opening of the convex section to the diameter of a token is approximately 4.3.

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12. (Currently Amended) The token dispensing device of Claim 7,
wherein the storing member upper opening describes a substantially horizontal plane and the rotating disk is inclined at a predetermined angle relative to the substantially horizontal plane, the storing member lower section circular opening being aligned with the rotating disk.
13. (Original) The token dispensing device of Claim 12,
wherein the predetermined angle is approximately 30 degrees.
14. (Original) The token dispensing device of Claim 7,
wherein the cone-shaped hollow is formed off-center with the center of the through hole, the center of the cone-shaped hollow being off-set by a small amount in the direction of rotation of the rotating disk in order to form a more gradual slope on the leading edge of the through hole and a more steep slope on the trailing edge of the through hole.
15. (Currently Amended) The token dispensing device of Claim 7,
wherein tokens in proximity to the convex section circular opening form a quasi-jamming condition, the quasi-jamming condition being a bridging of adjacent tokens spanning the width of the convex section above the rotating disk.
16. (Original) The token dispensing device of Claim 7,
wherein the storing member is composed of resin and is formed by injection molding.

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17. (Original) The token dispensing device of Claim 7,
wherein the rotating disk is composed of resin and is formed by injection
molding.

18. (Original) The token dispensing device of Claim 7,
wherein the base plate is composed of resin and is formed by injection molding.

19. (Currently Amended) In a token dispensing device having a hopper for storing
tokens and a dispenser for dispensing tokens, the hopper having an upper opening and a lower
opening, the improvement comprising:

a convex section disposed in between the hopper lower opening and the dispenser,
the convex section configured for impeding the flow of tokens from the hopper to the dispenser
by creating a quasi-jamming condition of tokens with a circular opening at an apex of the convex
section, the quasi-jamming condition being a bridging of adjacent tokens spanning the width of
the convex section above the dispenser, wherein a ratio of a diameter of the tokens to a diameter
of the circular opening of the convex section is between approximately 3 to approximately 5.

20. (Currently Amended) The token dispensing device of Claim 19,
wherein the convex section includes a first tapered section which narrows in a
direction away from the hopper lower opening, the first tapered section being conically tapered;
and

a second tapered section which widens in a direction away from the hopper lower
opening to form an enlarging section, the second tapered section being mounted above the first
tapered section,

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wherein the junction of the first tapered section and the second tapered section forms ~~[[an]] the interior circular apex opening~~ of the convex section, the ~~interior circular apex opening~~ defining the most narrow diameter of the convex section.

21. (Original) The token dispensing device of Claim 19, further comprising:

an agitator for agitating tokens in the hopper.

22. (New) A token dispensing device, comprising:

a storing member for storing and conducting tokens, the storing member including an upper section that is open to receive tokens and a lower section that is open to discharge tokens, the storing member upper opening describes a substantially horizontal plane, the storing member lower section opening being aligned with the rotating disk, a circular lower opening located on the lower section of the storing member, the circular lower opening being located over the outer edge of the through hole as the rotating disk is rotated, the lower section inclined at a predetermined angle and is cylindrical and having a convex section opening adjacent a lowest portion for restricting the movement of tokens from the upper section into the lower section;

a rotating disk for dispensing tokens one-by-one in a rotating manner, the rotating disk inclined at the predetermined angle of the lower section and having a first side and a second side, the rotating disk first side being disposed adjacent to the lower section of the storing member, the rotating disk having a cone shaped projection which projects into the lower section over the convex section, the rotating disk having at least one through hole, each rotating disk through hole having a cone-shaped hollow, each rotating disk through hole for receiving only one token, the rotating disk for rotating about an axis line, the axis line extending in a direction to enter the convex section opening;

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a base plate located below the rotating disk second side, the base plate being a planar surface adjacent to the rotating disk for supporting a token disposed in the through hole as the rotating disk is rotated and the token is dispensed; and

a motor for selectively rotating the rotating disk, the motor having a driven shaft, the driven shaft being operatively coupled to the rotating disk;

wherein the ratio of a diameter of the convex section opening to a diameter of a token is between approximately 3 to approximately 5.